

VESSEL OPERATIONS

Field operations of this Laboratory require the use of both government-owned and chartered vessels. The government-owned vessels should include a large offshore research vessel, a medium otter trawler, a small inshore dragger, and a collecting boat for the aquarium. Kinds and sizes of chartered vessels will depend upon the specific purpose for which they are to be used.

The offshore research vessel is required for large scale quarterly synoptic surveys of the fishery resource, its food supply, and the environment in which it lives. It is also used occasionally to collect data required to solve specific problems.

The medium otter trawler is required to collect data which is to be compared directly with the various commercial fisheries. A vessel of this type can be operated offshore in all but the most severe weather at a relatively reasonable cost.

The inshore dragger is required for work in the local area and on shoal grounds.

The collecting boat is required for collecting and transporting live fish to the aquarium.

Some investigations are best served by chartered vessels equipped with standard commercial gear and manned by fishermen skilled in its use. Investigations carried out at distant ports often require local knowledge for efficient operation. It is usually less expensive to use a local vessel than to have a government-owned vessel do a good deal of unprofitable traveling.

August 6, 1959

Invest -on: **Vessel Operations**
Biological Laboratory: Woods Hole, Mass.

*Total needed by Laboratory for Project in thousands of dollars.

U. S. Fish and Wildlife Service
Bureau of Commercial Fisheries

Sheet No. 1

Location: Woods Hole, Mass.
Date: August 6, 1959
File No.

Research Project Outline

Title of Project: Vessel Operations

Investigation Title: _____

Investigation Chief: _____

Project Leader: _____

Name

Title

Grade

Assistants: (Title and Grade)

Collaborators:

Need for Information:

Objective: Operating expenses of offshore vessel, OTM, and inshore vessel.

Method of Procedure:

Phase 1:

Phase 2:

Method of Procedure: (Cont'd)

Phase 3:

Estimated Costs:	Total Needed by Laboratory for Complete Project		<u>2,155.0</u>
	FY <u>1959</u>	FY <u>1960</u>	FY <u>1961</u>
Personal Services	_____	_____	_____
Other Expenses:	_____	_____	_____
Within Project	_____	_____	_____
Lab. Adm. & Ser.	<u>124.0</u>	<u>110.0</u>	<u>120.0</u>
Lab. Total	<u>124.0</u>	<u>110.0</u>	<u>120.0</u>
Regional Office	_____	_____	_____
Washington Office	_____	_____	_____
Total	_____	_____	_____

Recommended Source of Funds _____
 (S-K, Regular, Contributed, etc.)

Estimated Date of Completion: Phase 1 FY ; Phase 2 FY ; Phase 3 FY ; Project IV

Recommended by: _____ Date _____
 Originator _____
 Investigation Chief _____
 Laboratory Director Herbert W. Graham
 Regional Director _____
 Branch Chief _____
 Approved by: _____
 Division Chief for Director _____

Remarks

(Continued on reverse side)